## IAP16 Rec'd PCT/PTO 12 DEC 2007

PTO/SB/21 (11-07)

Approved for use through 11/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/552,786-Conf. #4550 Filing Date RANSMITTAL July 25, 2006 First Named Inventor **David DEPERTHES** DEC 1.2 2007 Art Unit 1656 **Examiner Name** J. W. Lee used for all correspondence after initial filing) Attorney Docket Number KZI-003US Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication X | Fee Transmittal Form Drawing(s) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Appeal Communication to TC x | Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final **Proprietary Information** Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address X Other Endes Other Enclosure(s) (please x Extension of Time Request Terminal Disclaimer 4 References **Express Abandonment Request** Request for Refund Return Receipt Postcard X Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name LLP HIVE & COCKFIEDD Signature Printed name Cristin E. Howley, Ph.D. Date Reg. No. December 12, 2007 55,281

Express Mail Label No. EV 957669843 US	Dated: December 12, 2007		
		 	 _

PTO/SB/17 (10-07) Approved for use through 06/30/2010. OMB 0651-0032

Charge fee(s) indicated below, except for the filing fee

185

370

Credit any overpayments

Under the Paper ork Reduction Act of	995, no person are required to	respond to a collection of inforr	nation unless it displays a valid OMB control number.				
Complete of the Control of the Contr	2004	Complete if Known					
Fees pursuant to the Consolidated Appropri	riations Act, 2005 (H.R. 4818).	Application Number	10/552,786-Conf. #4550				
FEE TRANS	MITTAL	Filing Date	July 25, 2006  David DEPERTHES				
		First Named Inventor					
For FY 20	108	Examiner Name	J. W. Lee				
X Applicant claims small entity statu	us. See 37 CFR 1.27	Art Unit	1656				
TOTAL AMOUNT OF PAYMENT	(\$) 1845.00	Attorney Docket No. KZI-003US					
METHOD OF PAYMENT (check	all that apply)						
Check Credit Card  X Deposit Account Deposit Account N		Deposit Account N	Lahive & Cockfield, LLP				
For the above-identified depo	sit account, the Director is	s hereby authorized to: (c	heck all that apply)				

## **FEE CALCULATION** 1 BASIC FILING, SEARCH, AND EXAMINATION FEES

Charge fee(s) indicated below

fee(s) under 37 CFR 1.16 and 1.17

Charge any additional fee(s) or underpayments of

T. BAOIO I IEINO, GEARGIA	FILING FEES		SEARCH FEES		<b>EXAMINATION FEES</b>		
Application Type	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	
2 EXCESS CLAIM FEES		•					Small Entity

## 2. EXCESS CLAIM FEES Fee (\$) Fee (\$) Fee Description 50 25 Each claim over 20 (including Reissues) 105 210

Each independent claim over 3 (including Reissues) Multiple dependent claims

<b>Total Claims</b>	E	ktra Claims		Fee (\$)		Fee Paid (\$)	<u>Multiple Dep</u>	engent Claims
66	- 32 =	34	×	25.00	=	850.00	Fee (\$)	Fee Paid (\$)
HP = highest nu	mber of tota	al claims paid	for, i	f greater tha	an 20.		185.00	185.00

Fee Paid (\$) Extra Claims Indep. Claims Fee (\$) 105.00 1\_\_\_\_ × 105.00 = - 5 =

HP = highest number of independent claims paid for, if greater than 3.

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra S	Sheets Number	of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50 =	(round up to a whole number) x		=
4. OTHER FEE(S)				Fees Paid (\$)
Non-English Specification, Other (e.g., late filing surcha	rge). 2253 Extensio	tity discount) n for response within third month ion of an Information Disclosure Sta	itement	525.00 180.00

SUBMITTED BY		1/4	+-1				
Signature		=	1	Registration No. (Attorney/Agent)	55,281	Telephone	(617) 994-0796
Name (Print/Type)	Cristin E. I	Howley,	Ph.D. /			Date	December 12, 2007

12/19/2007 #KAYPAGH 00000131 120080 10552786

01 FC:2615 02 FC:2614 03 FC:2616

850.00 DA 105.00 DA 185.00 DA

Express Mail Label No. EV 957669843 US Dated: December 12, 2007